

Serial No. 10/071,092  
Amdt. Dated November 22, 2004  
Reply to Office Action of August 25, 2004

Docket No. P-0337

**Amendments to the Specification:**

*Please replace the original paragraph bridging pages 1 and 2 with the following amended paragraph:*

As shown therein, the SMS transmission system comprises: a radio terminal 1 which is served personal communication such as the SMS; a base station 2 for transmitting/receiving a message and status information with the radio terminal 1; a controller 3 for controlling and managing a plurality of base stations 2, controlling wired/radio links during origination/termination call processing, and performing all functions needed to process a radio call such as transcoding, hand off control; an exchanger 4 for performing as a switch by communicating with the other networks, and at the same time, performing all functions needed to call processing in a mobile communication system and data exchange; and a short message service center [[5]] 6 for providing a short message between the radio terminal 1 and the exchanger 4, or between an outer device and the exchanger 4. Also, the radio terminal 1 is connected to a PSTN (Public Switched Telephone Network) 5 through an exchanger [[4]].

*Please replace the original paragraph at page 2, lines 12-17, with the following amended paragraph:*

As shown therein, a short message outputted from the short message service center [[5]] 6 is transmitted to the exchanger 4 which finds a state and location information of the radio terminal and controls corresponding area, and then the short message is transmitted to the radio terminal 1 through the controller 3 and the base station 2 (S11). Therefore, the user identifies the short message transmitted to the radio terminal 1 (S12), and after that, makes a voice call.

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*Please replace the paragraph at page 5, lines 2-15, with the following amended paragraph:*

The RF/IF processor 12 transforms an RF signal inputted through the antenna 11 into an IF signal, and then applies the signal to the modulating/ demodulating unit 13. In addition, the RF/IF processor 12 transforms the modulated signal applied from the modulating /demodulating unit 13 into the RF signal, and transmits it through the antenna 11. The modulating/ demodulating unit 13 demodulates the IF signal applied from the RF/IF processor 12 and outputs the signal, and modulates the signal applied from the system and outputs the signal to the RF/IF processor 12. The MPU 14 controls operations of the modulating/ demodulating unit 13 and of the LCD 15, and at the same time, performs all control operations. The LCD 15 displays all information which is required to make a call so as to identify visually according to the controls of the MPU 14, and the key pad 16 includes keys for inputting a telephone number, and keys for selecting various functions by which corresponding key input information is inputted to the MPU [[15]] 14.